LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-22 Canceled:

23. (New) A mobile device having wireless antennas in a wireless communication network having a plurality of base stations, characterized in including:

two or more antennas installed separately at an extent that the base station of which radio wave intensity becomes maximum differs antenna by antenna in a case where the mobile device has stood still in the vicinity of a boundary of wireless areas;

a communication means for simultaneously utilizing said two or more antennas, thereby to simultaneously make communication with a plurality of the base stations;

means for detecting a transmission/reception state of each antenna; and

means for performing a hand-over process based upon difference of said transmission/reception state of each of said antennas.

24. (New) The mobile device according to claim 23, characterized in that said mobile device is a vehicle.

25. (New) The mobile device according to claim 23, characterized in that said mobile device is a train.

26. (New) The mobile device according to claim 23, characterized in that said mobile device is a ship.

27. (New) The mobile device according to claim 23, characterized in raising a communication reliability by, in a case where a set of base stations with which communication is possible via the antenna differ antenna by antenna, making communication with respective separate base stations.

28. (New) A mobile device having wireless antennas in a wireless communication network having a plurality of base stations, characterized in including:

two or more antennas installed separately at an extent that the base station of which a communication quality becomes most excellent differs antenna by antenna in a case where the mobile device has stood still in the vicinity of a boundary of wireless areas;

a communication means for simultaneously utilizing said two or more antennas, thereby to simultaneously make communication with a plurality of the base stations;

means for detecting a transmission/reception state of each antenna; and

means for performing a hand-over process based upon difference of said transmission/reception state of each of said antennas.

29. (New) The mobile device according to claim 28, characterized in that said mobile device is a vehicle.

30. (New) The mobile device according to claim 28, characterized in that said mobile device is a train.

31. (New) The mobile device according to claim 28, characterized in that said mobile device is a ship.

32. (New) The mobile device according to claim 28, characterized in raising a communication reliability by, in a case where a set of base stations with which communication is possible via the antenna differ antenna by antenna, making communication with respective separate base stations.

33. (New) A mobile device having wireless antennas in a wireless communication network having a plurality of base stations, characterized in including:

two or more antennas installed separated at an extent that the base station of which a communication quality becomes most excellent differs antenna by antenna in a case where the mobile device has stood still in the vicinity of a boundary of wireless areas;

two or more transmission/reception means mounted responding to each of said antennas;

a communication means for simultaneously utilizing said two or more antennas and said two or more transmission/reception means, thereby to simultaneously make communication with a plurality of the base stations;

means for detecting a transmission/reception state of each antenna; and

means for performing a hand-over process based upon said transmission/reception state of each of said antennas.

34. (New) The mobile device according to claim 33, characterized in that said mobile device is a vehicle.

35. (New) The mobile device according to claim 33, characterized in that said mobile device is a train.

36. (New) The mobile device according to claim 33, characterized in that said mobile device is a ship.

37. (New) The mobile device according to claim 33, characterized in raising a communication reliability by, in a case where a set of base stations with which communication is possible via the antenna differ antenna by antenna, making communication with respective separate base stations.

38. (New) A method of arranging wireless interfaces, characterized in including the steps of: arranging two or more antennas separately at an extent that the base station of which a communication quality becomes most excellent antenna by antenna in a case where a mobile device has stood still in the vicinity of a boundary of wireless areas; mounting two or more

transmission/reception means correspondingly to each antenna; and arranging wireless interfaces so that said two or more antennas and said two or more transmission/reception means are simultaneously utilized, thereby to simultaneously make communication with a plurality of the base stations and performing a hand-over process based upon difference of said transmission/reception state of each of said antennas.

39. (New) A hand-over method of mobile telecommunications, characterized in including the steps of: detecting a difference of transmission/reception state of two or more antennas mounted separately on a mobile body at an extent that a base station of which radio wave intensity becomes maximum differs antenna by antenna in a case where the mobile body has stood still in the vicinity of a boundary of wireless areas; and performing a hand-over process to the base station of the antenna where the radio wave intensity becomes strong with movement.

40. (New) A hand-over method of mobile telecommunications, characterized in including the steps of: detecting a difference of transmission/reception state of two or more antennas mounted separately on a mobile body at an extent that a base station of which a communication quality becomes most excellent differs antenna by antenna in a case where the mobile body has stood still in the vicinity of a boundary of wireless areas; and performing a hand-over process to the base station of the antenna where the radio wave intensity becomes strong with movement.